

Characteristic Features of Phonetic Laboratories

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Abstract: this article gives information about the phonetic laboratory, its types, practical and theoretical aspects, tasks, methods of using it, virtual learning of languages, social psycholinguistic features of oral speech.

Keywords: phonetic, voice, oral, virtual, anthropocentric, communication, laboratory, online, education, audience, program.

The phonetic laboratory deals with the study of voice speech in practical and theoretical aspects, as well as the study of text, the nature of speech aggression, and socio-psychological features of oral communication. The following topics are being developed in the laboratory:

anthropocentric study of sound speech in linguocriminology;

conflictual communication in social and psycholinguistic aspects;

development of methods for creating a multidimensional database (Laboratoriya fonetiki i rechevoy kommunikatsii. Elektronnyy resurs: Laboratoriya fonetiki i rechevoy kommunikatsii filologicheskogo fakulteta MGU imeni M. V. Lomonosova (msu.ru). Data obrashcheniya: 14.01.2022.).

Currently, there are not enough educational products for virtual language learning. The list of scientific studies devoted to this topic is also limited to a small number of publications. Nevertheless, all scientific publications report on the advantages of the virtual learning environment, such as visibility, attraction, attention, presence effect, overstimulation of emotions, safety, etc. Polish-English language and virtual reality (ntinews.ru). Data obrashcheniya: 12.01.2022.).

English teachers can use and maintain classroom English labs (physical or virtual) to help learners improve listening comprehension, improve and practice speaking skills (see Table 1.14)¹:

1.14-table. English language laboratories

№	Language laboratories	Audience	Students
1.	K-Van Solutions	Older learners, profession-oriented and professional English learning	Despite the English language on the website, it is one of the most popular Modern Language labs. The K-Van Solutions Language Laboratory is a simple laboratory that is very close to the format and style of the original language

¹ 9 современных вариантов программного обеспечения для лабораторных работ по английскому языку, которые передают вам бразды правления. Электронный ресурс: 9 современных вариантов программного обеспечения для лабораторных работ по английскому языку, которые дают вам поводья | FluentU English EducatorBlog (turbopages.org) Дата обращения: 22.01.2022.

			laboratory systems (but, of course, refuses cassettes)
2.	FluentU	Older educators, English at any level	there is no need to download or install anything here — all you have to do is access the FluentU website. From there, the materials can be used or downloaded online. it is also possible to download FluentU for iPhone or Android.
3.	ODLL	classrooms; visual educators	Blue, ODLL language labs is focused on collaborative learning. In the laboratory, there are ways to pair students, communicate with some or all students at the same time, and even conduct regular classes in laboratory conditions
4.	Words Worth	Adults, professional English learners	many language laboratories are designed for use in K-12 classes (although, of course, they can be easily replaced for other ages). Value words, on the other hand, are specially designed for adults to learn English. The program is divided into three levels, each of which includes content from 70 to 80 hours, which helps to develop vocabulary, communication skills and English at a professional level
5.	SANSSpace	The road is classes on the go, with homework and other additional activities; visual educators	SANSSpace will not need any special equipment that can be accessed from any device. SANSSpace uses a combination of video and audio content and allows users to record their responses and thoughts. Teachers can then add specific comments and feedback on any part of the recording. This laboratory work does not require the constant participation of the teacher, so it is ideal for homework or independent work outside the classroom
6.	OpenSim	Primary school students who like video games, visual educators, virtual classes	OpenSim is designed for teachers who are well versed in technology. This program allows you to create a whole virtual world in which students from all over the world can meet with the help of Avatars. If you are a fan of creative learning opportunities and educational gamification, the perfect combination of OpenSim gaming and conference is for you
7.	DiLL	Classes that work on Apple products	The DiLL program will use mas computers to provide very traditional work in the language class. To use dill, you only need mas computers, programs for teachers and students. This digital program uses a central server to save students ' work in real time and allows teachers to provide content, assign students to couples, monitor the learning process, and help

			individual students
8.	Sanako	Students preparing for the TOEFL exam; individual or additional education; British English learners	Sanako worked with Oxford University Press. This laboratory has an advanced text-to-speech application that allows users to insert any block of text into the program, reading it with a real British English accent. Teachers can compose playlists and assign them to students, and then listen to them and record their answers so you can rate them
9.	Repeat After Us	virtual classes; additional and individual classes	developed by a high school student, the Website is a collection of recordings made by different people reading different texts. No need to download, and anyone can browse the library to read poetry, turn the language, and more. It should be borne in mind that some recordings are better than others, so it is necessary to check the quality before assigning students to work on a particular clip

MondlyVR-VR-applications language learning are specially developed. The student is transferred to a virtual environment, where he can interact with virtual characters using speech recognition technology. In training courses from VirtualSpeech, virtual reality is an additional element in a comprehensive educational system. VR Learn English, PanoLingo, Argotian, immersive, WebXR programs allow you to learn English lexicon using games (VR po-anglyski ili kak uchit yaziki v virtualnoy realnosti. Elektronniy resource: VR po-England ili kak uchit yaziki v virtualnoy realnosti (ntinews.ru). Data abratsheniya: 12.01.2022.).

Laboratory work from phonetics teaches online components such as handouts, learning, testing, comparison (Phonetics lab 3. Elektronniy resource: Laboratonnaya rabota po fonetike 3 card / Quizlet (turbopages.org). Data abratsheniya: 14.01.2022.).

The phonetics Laboratory at Oxford University specializes in linguistic assumptions and experimental verification of empirical linguistics. It provides undergraduate and graduate level education. Research students in the laboratory usually study to obtain a higher degree in experimental linguistics, although students in other disciplines that touch on the subject of speech are sometimes based on phonetics. The phonetic laboratory was founded in 1980. There are experimental areas (soundproof recording booths) and shared experience rooms. The laboratory also supports research in the field of signal processing using software, speech barriers and processor clusters (Foneticheskaya laboratory Oxfordskogo universiteta/Oxford University Phonetics Lab. Elektronniy resource: https://ru.abcdef.wiki/wiki/Oxford_University_Phonetics_Lab. Data abratsheniya: 18.01.2022.).

The phonetic laboratory was founded in 1962 at the Faculty of the Russian State Pedagogical University in order to provide technical support for the educational process. Technical means are an integral part of the qualitative teaching of foreign languages to students, therefore, special attention is paid to improving the material and technical base of the laboratory. All of them are equipped with the techniques and equipment necessary for conducting classes. They are equipped with TVs, video players, DVD players, marker boards. It is equipped with modern cinema classes with an LSD TV, multimedia projector and home cinema. Projectors and screens are permanently installed in five classes. In other classrooms, a large fleet of portable equipment is used: laptops, tape recorders, cadoscopes, radio microphones, mixing equipment, multimedia projectors.

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